## JUNE 2018 Update

## **Cellular IoT Forecast**

## Major changes to the forecast this quarter include:

- 1. NB-IoT: The outlook for NB-IoT is strong in China but we have adjusted the numbers in 2017 to match some exact shipping numbers that we've collected from industry suppliers.
- 2. We've updated shipments and market shares based on earnings announcements by Telit, Sierra, Gemalto, and others. The growth in revenue was disappointing for these players (about 1-2% revenue growth year over year!) so we have adjusted our ASP assumptions to be steeper.
- 3. We've adjusted our estimates of Asset Tracking devices using GSM and 3G technology to match some industry inputs.
- 4. Growth of NB-IoT in China has boosted the outlook for NB-IoT. We will be adding Huawei and ZTE as module suppliers to our tracking chart during the next year as their module numbers will be increasing along with NB-IoT shipments.
- 5. LTE-M numbers have grown pretty much as forecasted so minor adjustments were made here.
- 6. 5G IoT applications remain weak so we have left our low-volume, high-price assumptions in our forecast model for now.

